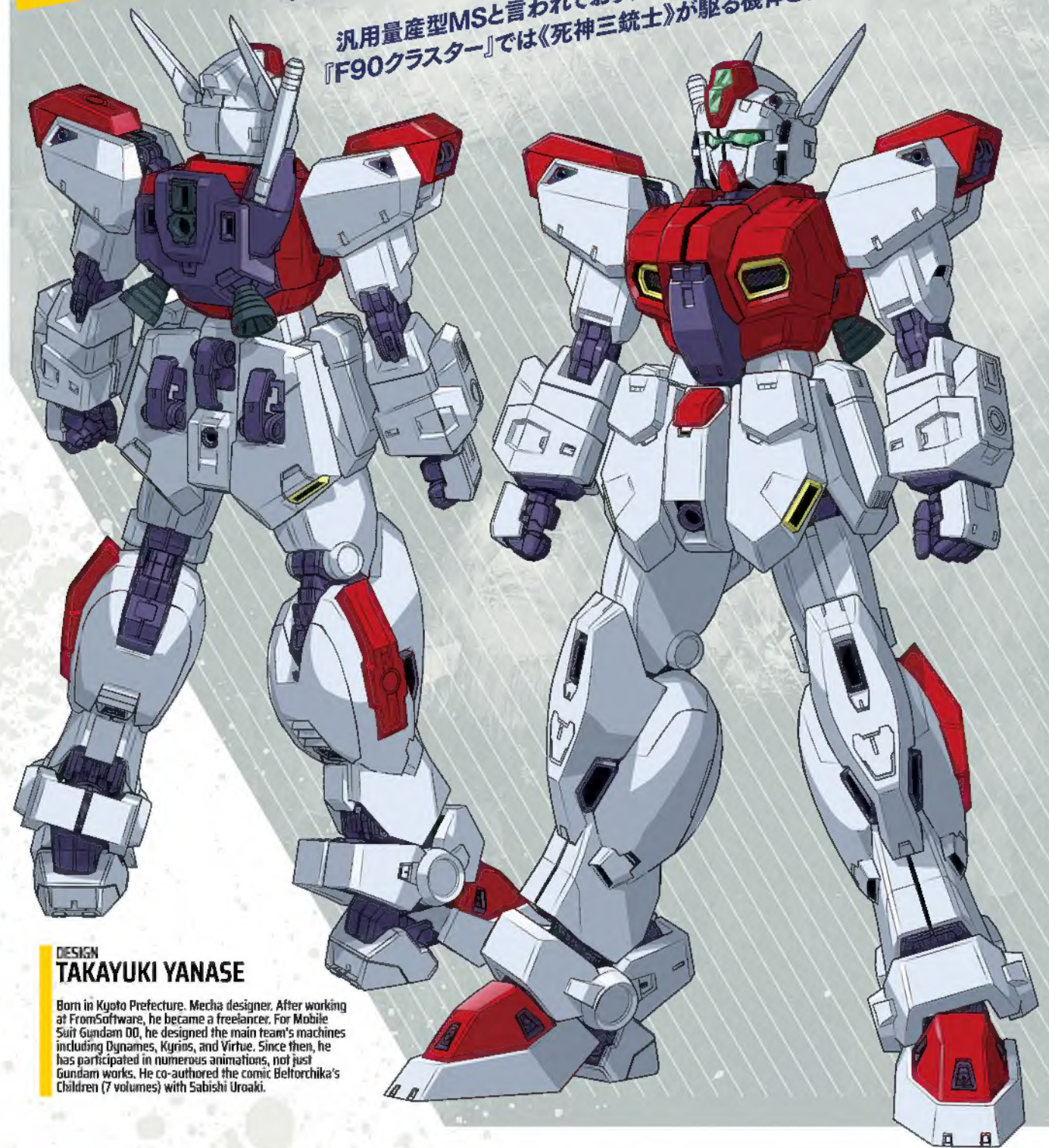




ガレムソンが待ち望んだ...

コミック『機動戦士ガンダムF90FF』内でも
 (主にガレムソンに)語られていた連邦量産機「F80」がいよいよお目見え!
 サナリによって開発・製造されたF80シリーズは
 汎用量産型MSと言われており、F80はそのフラッグシップ機となる。
 『F90クラスター』では《死神三銃士》が駆る機体として登場している。



DESIGN
 TAKAYUKI YANASE

Born in Kyoto Prefecture. Mecha designer. After working at FromSoftware, he became a freelancer. For Mobile Suit Gundam DD, he designed the main team's machines including Dynames, Kyrios, and Virtue. Since then, he has participated in numerous animations, not just Gundam works. He co-authored the comic Beltorchika's Children (7 volumes) with Sabishi Uroaki.

MSデザイン公開!!



◀▲ The emblem of the Death Guns. In the story, the Death Guns appear equipped with a poncho and F90 G-type, O-type, and Q-type armaments.

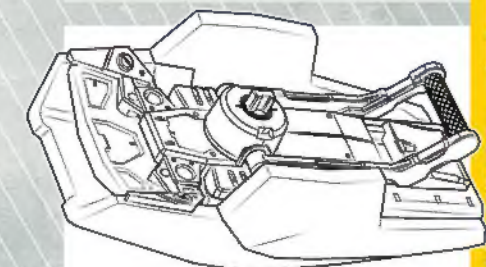
待たせたな...

The F80 was first revealed to exist in the "SUPER MJ Mobile Suit Gundam Latest MS Design Data Collection" released in 1992. It was developed as a general-purpose mass-production mobile suit under the Formula Project (aimed to succeed the Heavygun).

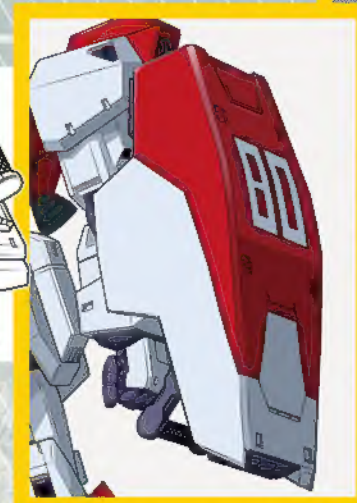
In "SUPER MJ", it was only disclosed that the F80 project was progressing simultaneously with the F70 (G-Cannon series) and F90 series (including the F91). The specific details of the mysterious F80 remained unknown.

Now, after 32 years, the time has come for it to shed its veil of secrecy. It's a mass-production type of the F90, capable of utilizing F90's mission packs - a completely new mass-production mobile suit.

That's the F80!



▲▲ A dedicated shield featuring distinctive "80" marking.



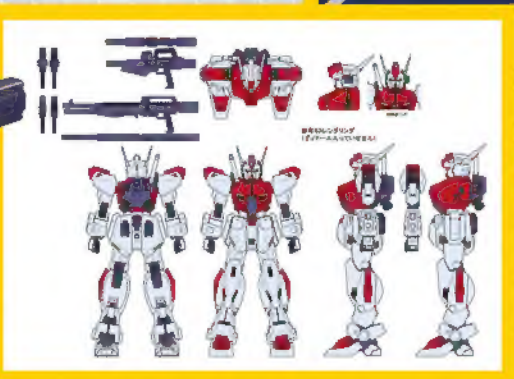
SHORT BEAM RIFLE



SHOTGUN



▲▲ As befits a general-purpose mass-production machine, it's equipped with numerous standard weapons. On the right is a three-view drawing based on 3D designs for drawing reference.



F80

Model Number: F80
 Head Height: 14.8m
 Full Weight: 20.33t
 Generator Output: 3.850kW
 Thruster Output: 57,200kg



MAN...

...WOULD
EXPERIENCE
THEIR FIRST
SPACE WAR.

WHEN JUST
OVER A HALF
CENTURY HAD
PASSED SINCE
HUMANITY...

BEGAN
RELO-
CATING
ITS BUR-
GEONING
POPULA-
TION TO
SPACE...

UNIVERSAL CENTURY 0079



...AND
LAUNCHED
A WAR OF
INDEPENDENCE
AGAINST THE
EARTH
FEDERATION
GOVERNMENT.

THE CLUSTER OF
COLONIES
FURTHEST FROM
THE EARTH,
CALLED SIDE 3,
PROCLAIMED
ITSELF THE
PRINCIPALITY
OF ZEON...



...EXACTED A
STAGGERING
TOLL,
CLAIMING
HALF OF
HUMANITY'S
TOTAL
POPULATION.

IN THE
SPAN OF
A MERE
YEAR...

...THE
CONFLICT
BETWEEN
BOTH
SIDES...

機動戦士ガンダムF90クラスタ



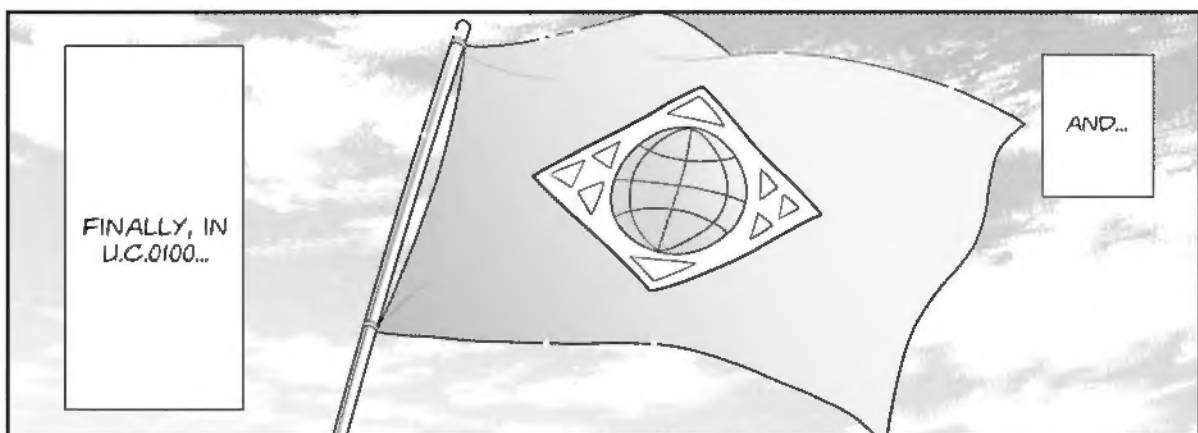
YET, THE ECHOES
OF ZEON'S
REBELLION
CONTINUED TO
HAUNT THE
FEDERATION...

...FOR
YEARS
TO
COME.



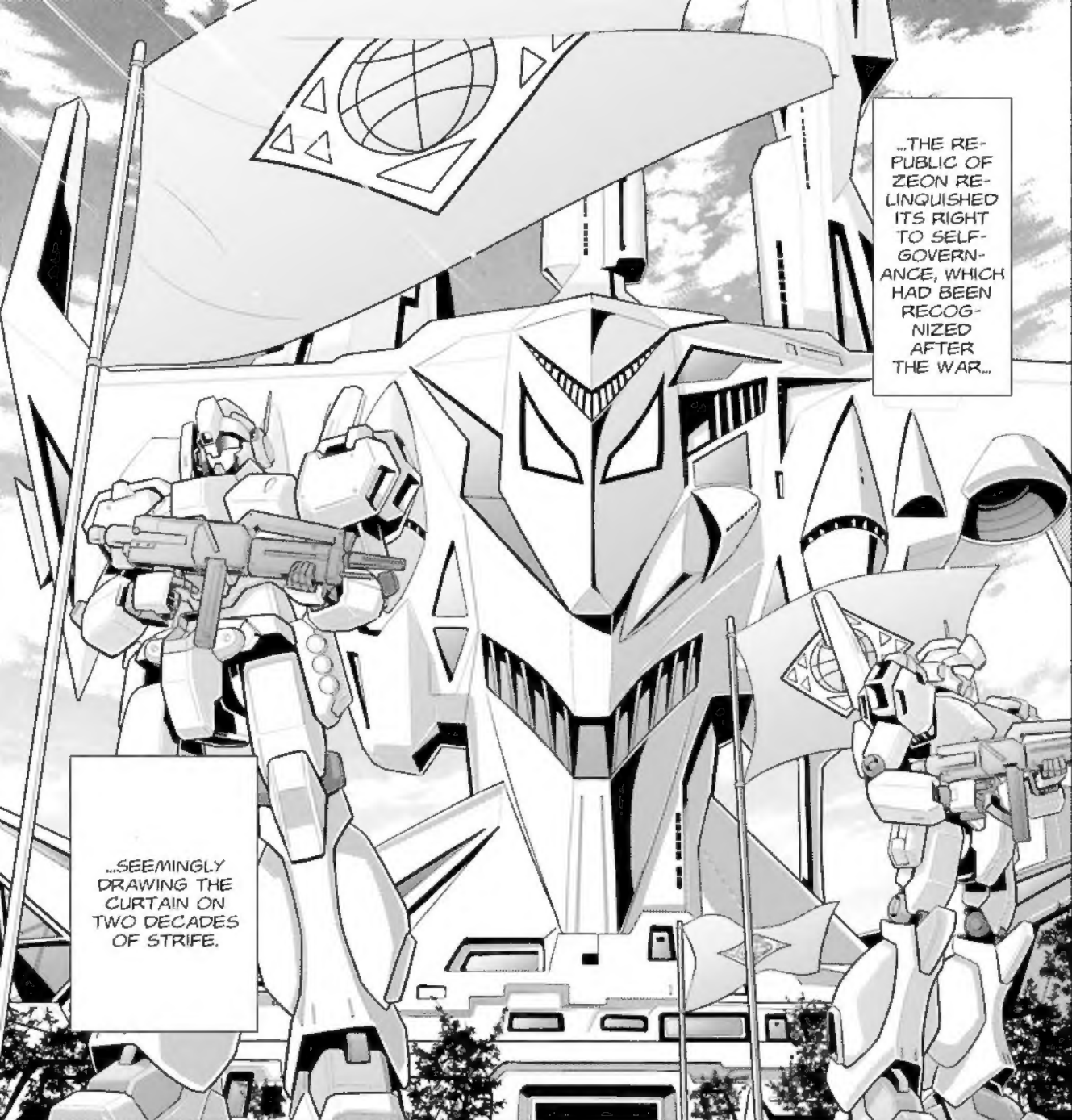
THE ZABI
FAMILY,
ZEON'S
GUIDING
LIGHT...

...MET THEIR
DEMISE
ALONGSIDE
THE SPACE
FORTRESS A
BAOA QU.



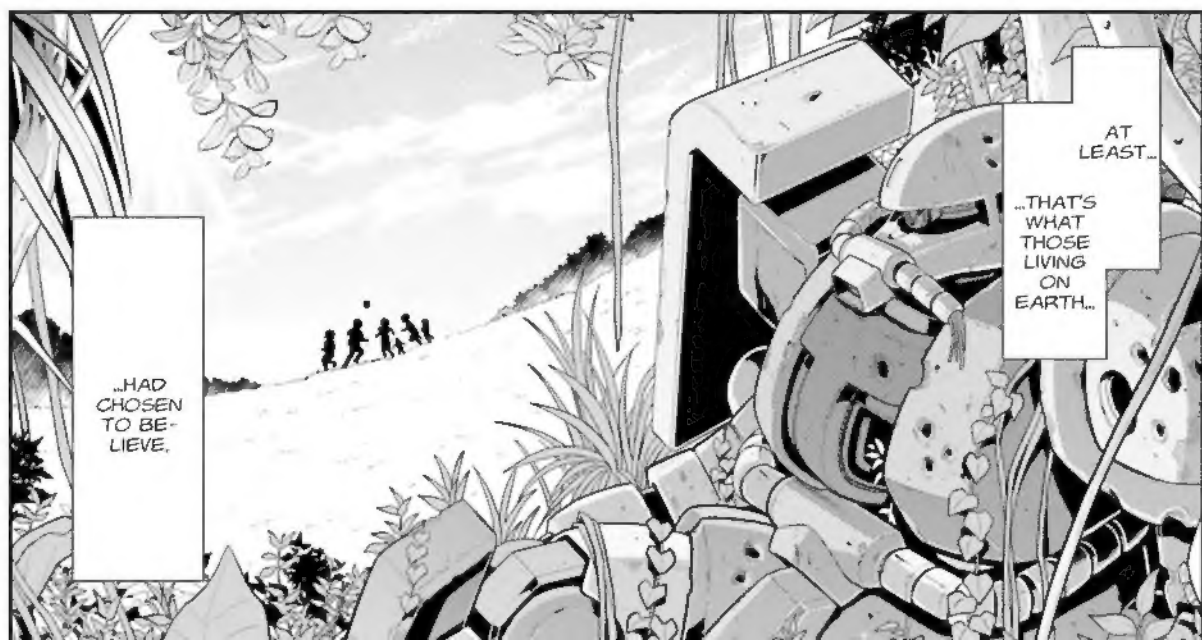
FINALLY, IN
U.C.0100...

AND...



...THE RE-
PUBLIC OF
ZEON RE-
LINQUISHED
ITS RIGHT
TO SELF-
GOVERN-
ANCE, WHICH
HAD BEEN
RECOG-
NIZED
AFTER
THE WAR...

...SEEMINGLY
DRAWING THE
CURTAIN ON
TWO DECADES
OF STRIFE.



AT
LEAST...

...THAT'S
WHAT
THOSE
LIVING
ON
EARTH...

...HAD
CHOSEN
TO BE-
LIEVE.

UNIVERSAL CENTURY 0121
MARS

OLYMPUS BASE LOWER LEVEL
RESTRICTED AREA

ド
ン

ゴ
ォン

ザ
ザ
ザ
ザ...

ズ
ズ
ズ
ズ...

シ
シ
シ
シ
シ
シ

ユ
ン

大反響31P!!

なんとかして
避難するんだ!!

ゴウーン...

機動戦士ガンダム

F90

MOBILE SUIT GUNDAM
F90/CLUSTER

クラスター

3 [ASYLUM FOR LOSERS]

[漫画] 今ノ夜きよし

[シナリオ] 小太刀右京

(チーム・バレルロール)

[メカニックデザイン]

森木靖泰・柳瀬敬之

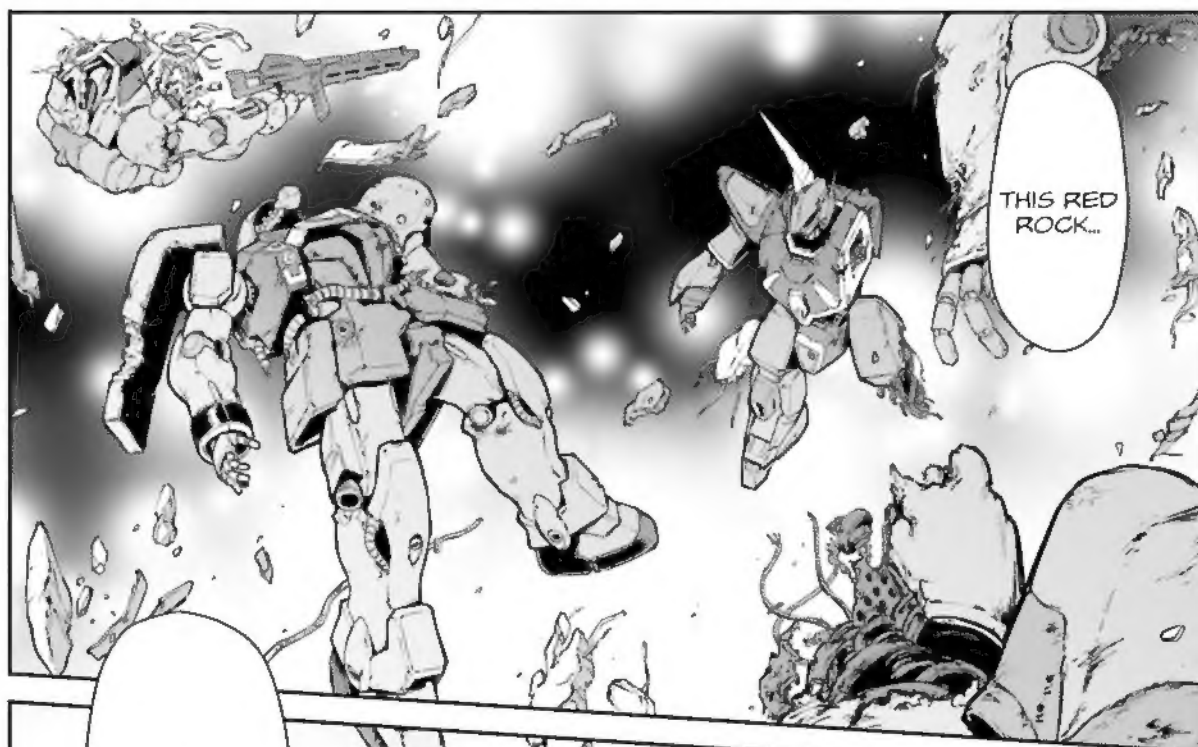
[オリジナルF90デザイン]

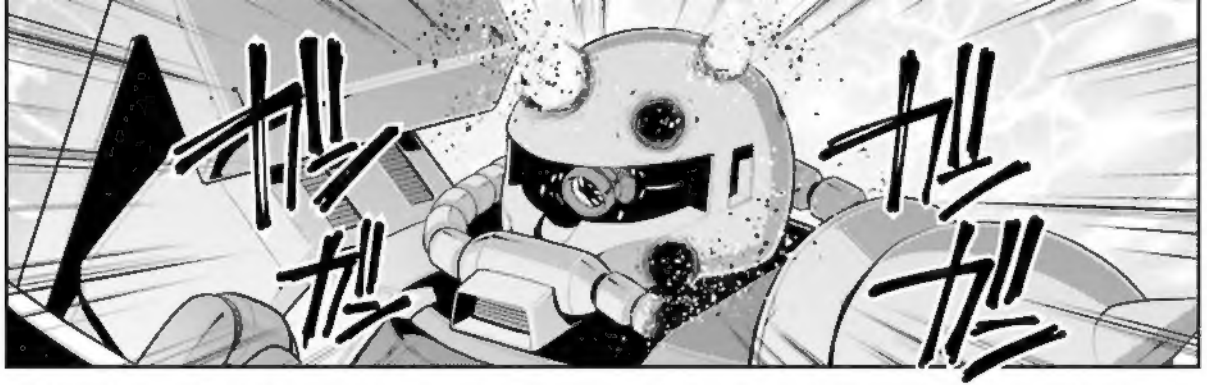
大河原邦男





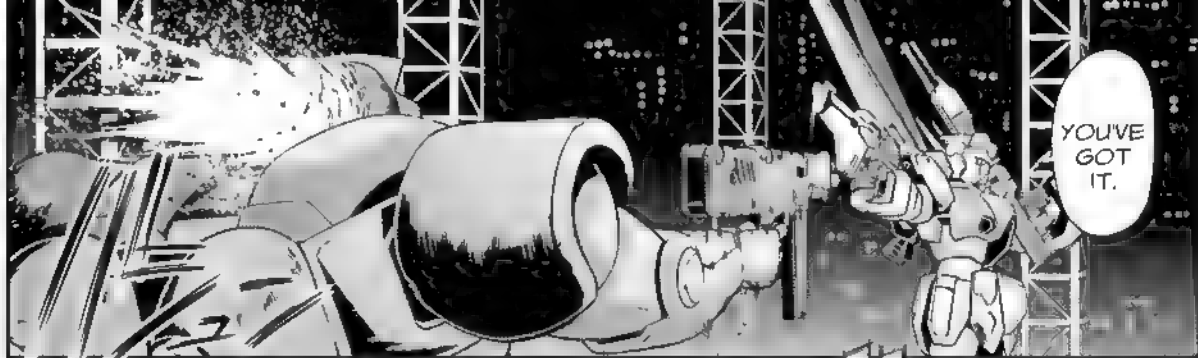






THOSE EARTH
SPHERE
FOOLS JUST
COULDN'T HELP
BUT REPLAY
THEIR PETTY
POWER
GAMES, EVEN
ON THIS RED
SOIL.

AND THE
REFUGEES...



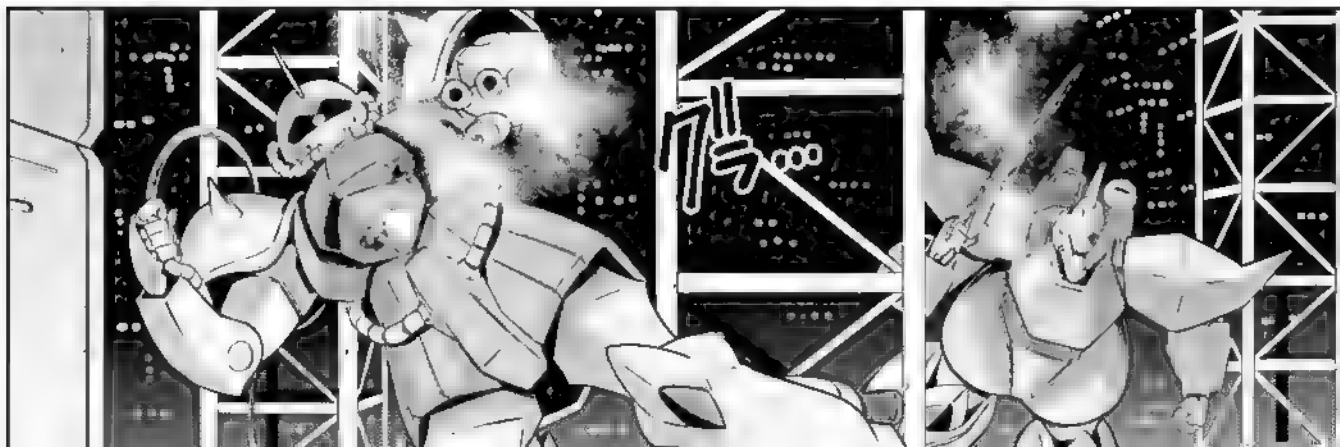
YOU'VE
GOT
IT.



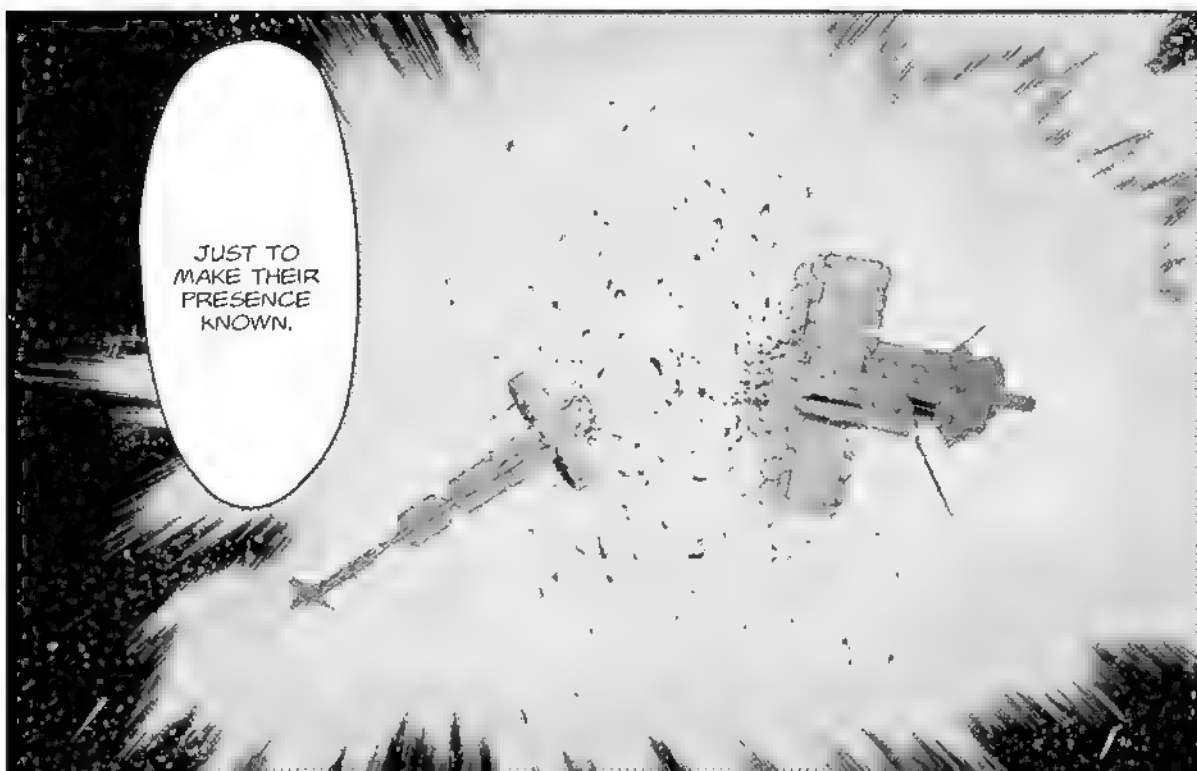
SOME
PUSHED TO
DIG IN ON
MARS...

...OTHERS
CLAMOR-
ED FOR A
RETURN
TO EARTH

...AND A
FEW
DREAMERS
SET THEIR
SIGHTS ON
THE STARS
BEYOND...



777...





SO WE
LEAVE THE
FEDERATION'S
DIRTY
LAUNDRY AND
THIS BOSCH
WELLER
CHARACTER
TO SNR'S
GOLDEN BOY..

THAT
THE
PLAN?



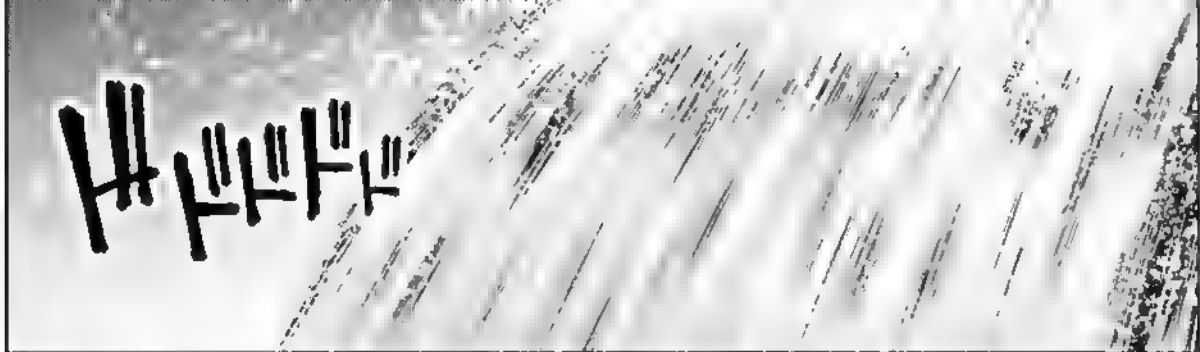
SO
WHY?

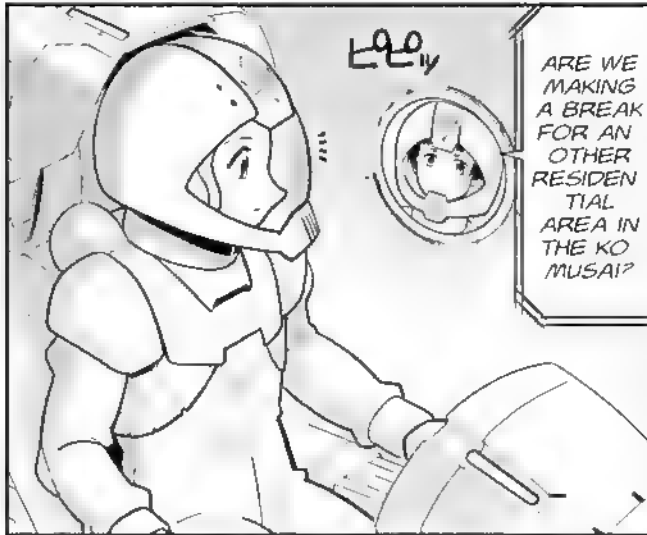
THAT'S
THE
PUZZLE
WE'RE
HERE TO
PIECE
TOGETHER.



TIME TO
MOVE

OUR PRIZE
LIES JUST
AHEAD.









YOU'RE
NOT
PLANNING
TO JOIN
THE MAN-
LAND IN-
VASION,
ARE YOU?

EARTH?



THE
ELDERS
MIGHT BE
BEGINNING
TO RE-
CLAIM SIDE
3, BUT ME?

NO,
NOTH-
ING LIKE
THAT.

AN
SWERS?

M
AFTER
AN
SWERS.



THE REAL
REASON
HUMANITY
HAD TO
REACH FOR
THE STARS...

...THE TRUE
MEANING
BEHIND THAT
BLUE MARBLE.





FALL
BACK!
THIS
FEELING...
IT'S JUST
LIKE
BEFORE.

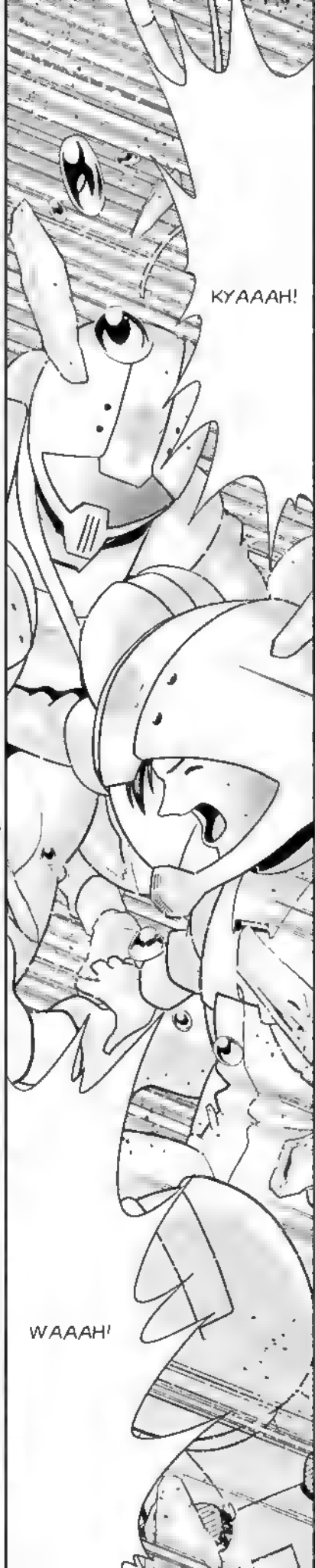
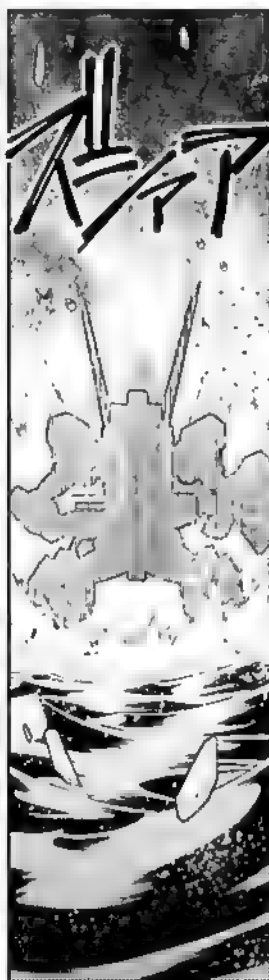
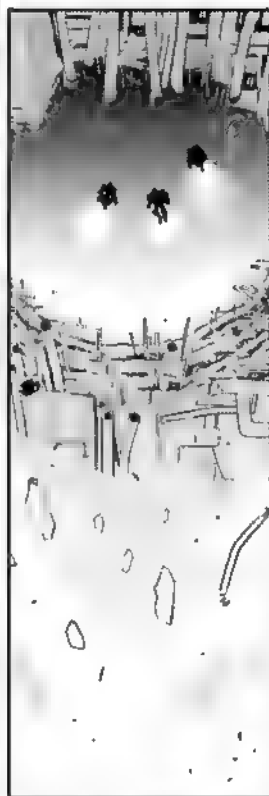


IVALU,
WHAT'S
WRONG?!

I
SENSE
A MA-
LEVO-
LENT
PRES-
ENCE!



THE
ENEMY'S
UPON US!



KYAAAH!

WAAAH!



THAT
BOUNTY'S
GONNA
LINE OUR
POCKETS
REAL NICE!

COM-
MANDER
GUNMAD!
JACKPOT
DEAD
AHEAD!



FUNNY
LOOKING
GUNDAM.
WHERE'S ITS
HORNS?

THAT
HEAP'S
SUP-
POSED
TO BE
THE F90?



BET YOU
IT'S THOSE
MARS
TINKERERS'
HANDI-
WORK.

ALWAYS
FUSSING
OVER
LOOKS...

THESE
ZEON
TYPES.
TO THE
BITTER END,
I SWEAR.





IAN, DO-
DONGA,
YOU'RE
UP.

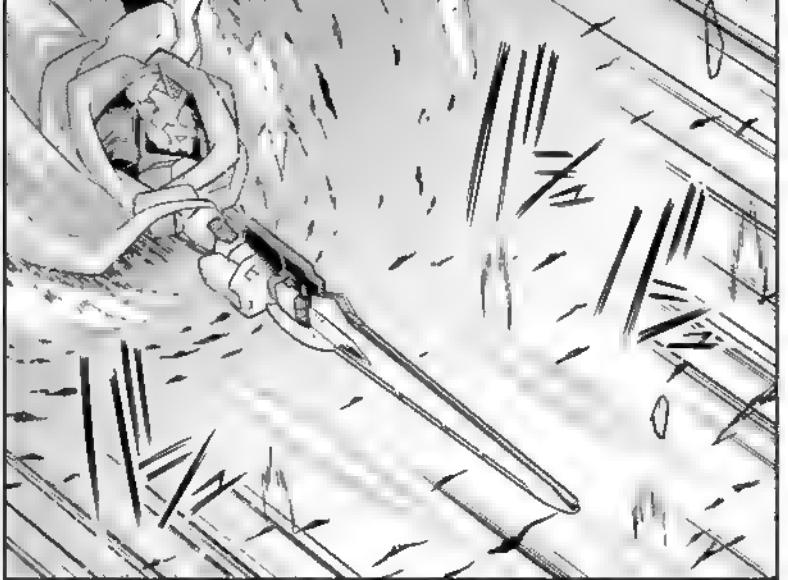
AL-
RIGHT,
LET'S
DANCE.



WE WANT IT
DE-LIMBED,
NOT OBLIT-
ERATED.
BRING ME
BACK THAT
TORSO IN
ONE PIECE!

BUT
WATCH
THOSE
SHOTS!

CRYSTAL
CLEAR,
BOSSMAN!





BUT!

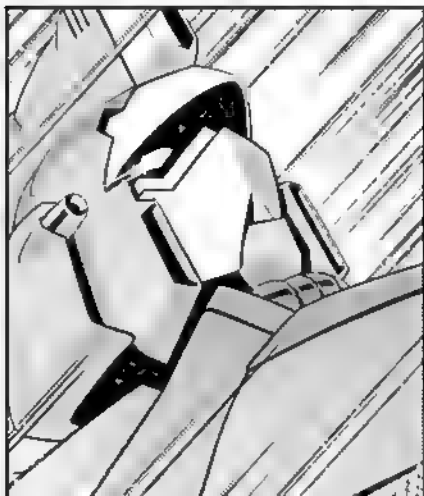


HEH!

LIGHT
ON YOUR
FEET,
AREN'T
YOU?



YOU'VE
LEFT YOUR
SIX WIDE
OPEN,
ROOKIE!



OPERATING SYSTEM
TYPE





DODGING
OUR SIG-
NATURE
MOVE LIKE
THAT!

WELL,
WELL...
COLOR
ME I'M
PRESSED!

gunfire sound effects



NO
WONDER
LORD
DYAUS HAS
HIS EYE ON
THIS PAR-
TICULAR
MOBILE
SUIT...

BUT IN THAT
CRITICAL
MOMENT,
THOSE MOVE-
MENTS TRANS-
FORM INTO
THOSE OF A
BATTLE-HARD-
ENED WARRIOR!

THERE'S
NO
BLOOD-
LUST IN
THOSE
MANEU-
VERS.
AN
AMATEUR
AT THE
HELM,
PER-
HAPS?



WITH THIS
KIND OF
FIREPOWER...
DO I STAND
A CHANCE?

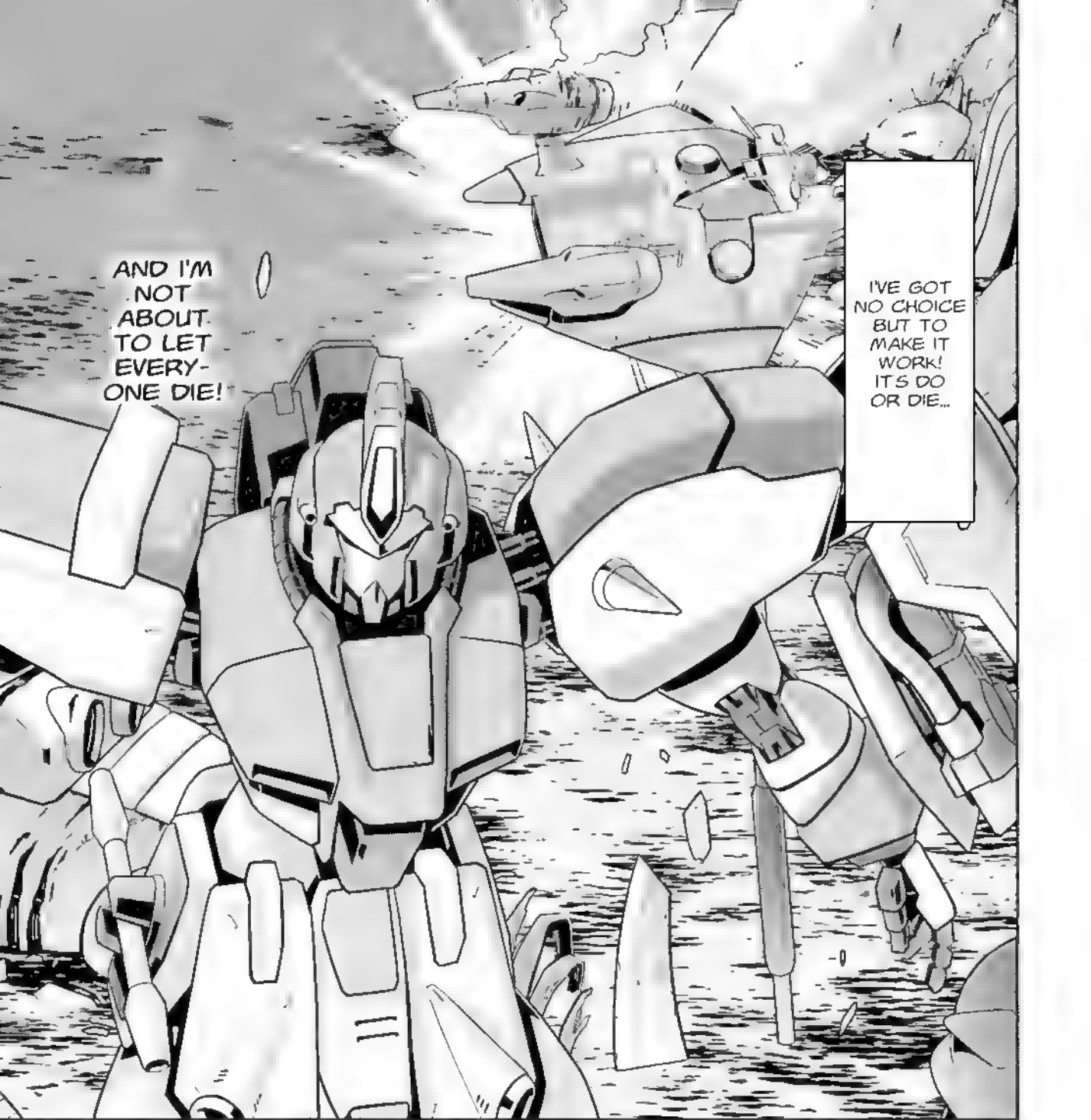
BUT THIS MA-
CHINE... IT'S
LIKE IT'S
TAPPED INTO
MY VERY
THOUGHTS,
MOVING IN
PERFECT
SYNC.

IF IT WERE JUST
MY SKILLS AT
PLAY, I'D BE
SPACE DUST
TWICE OVER
BY NOW!

WHAT IN-
CREDIBLE
SPEED!
SUCH
SKILL!



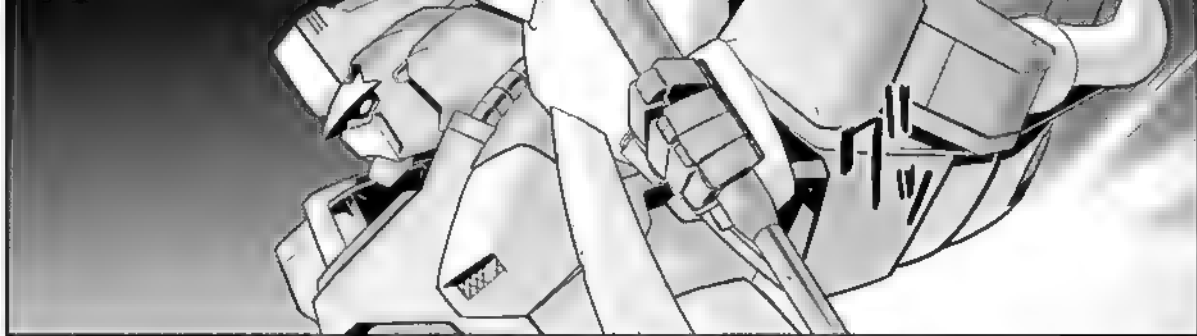
NO,
SCRATCH
THAT



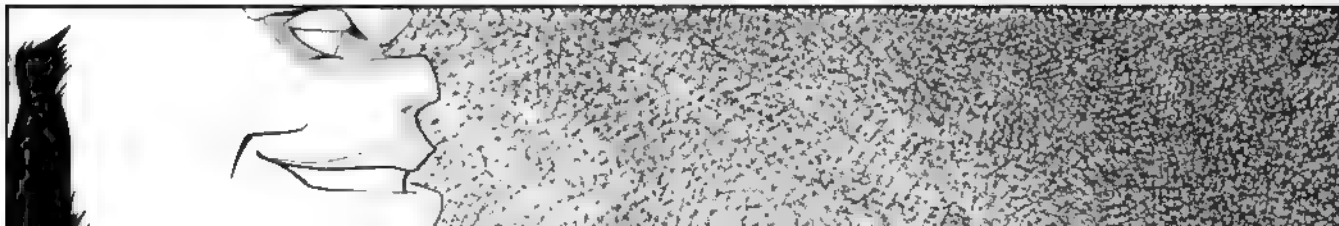
AND I'M
NOT
ABOUT
TO LET
EVERY-
ONE DIE!

I'VE GOT
NO CHOICE
BUT TO
MAKE IT
WORK!
IT'S DO
OR DIE...





Y
A
A
A
A
A
A
I
I
!!



AT THE SAME TIME

ゴウン

PRES-
SURE
NOMI-
NAL.

ゴウン

ゴウン

ACCEL-
ERATION
CORRI-
DOR
CLEAR.

MINOVSKY
PARTICLE
I-FIELD
TAKING
SHAPE.

ゴウン

OLYMPUS CANNON CONTROL







SIEG...

ZEON!!



MY GOD...

W-WHAT IN THE...



THE ROCKS!

LOOK AT OLYMPUS MONS!



THE DAY WE'VE BEEN WAITING FOR IS FINALLY HERE...

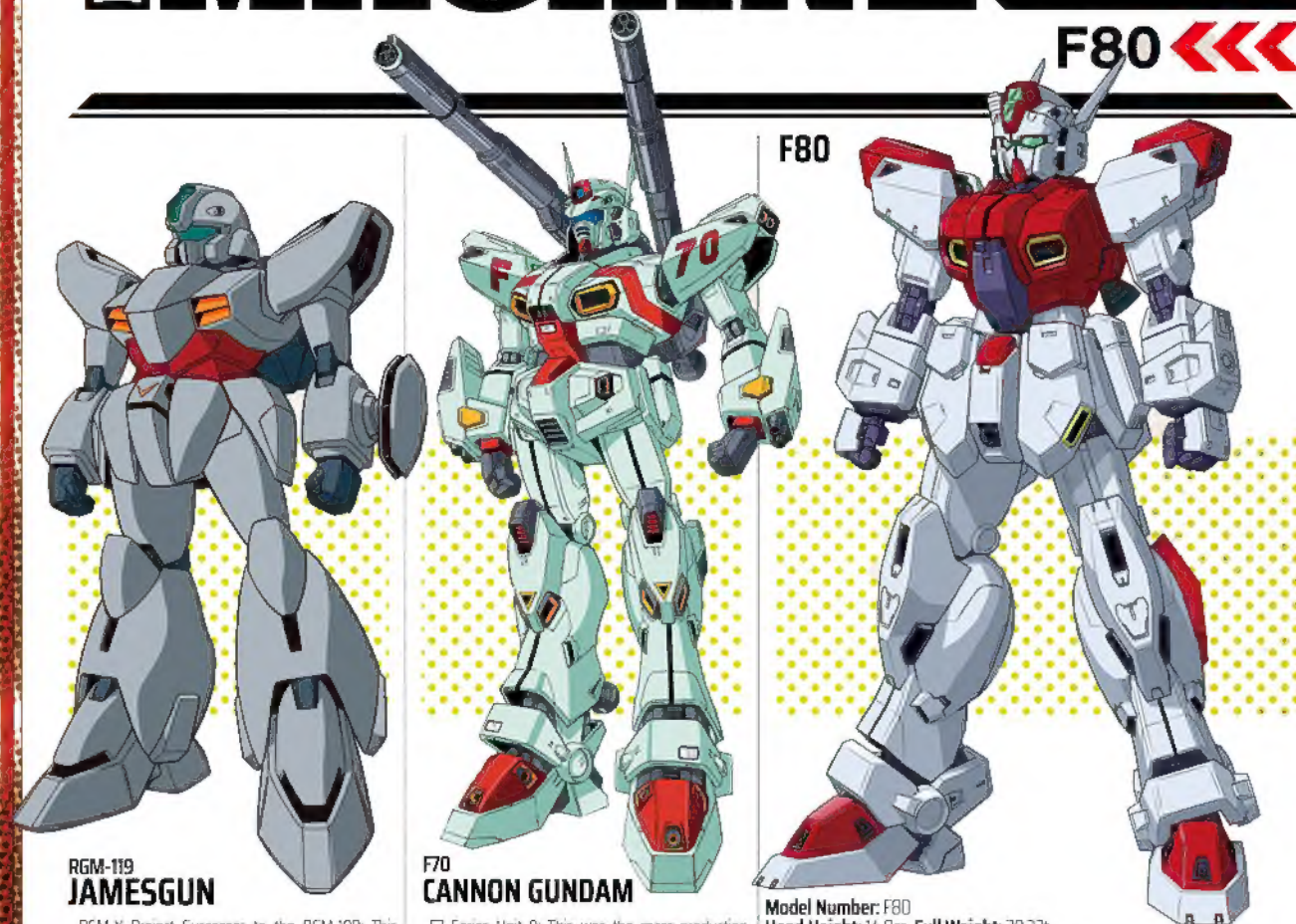
BY THE STARS...

A NEW PROJECT BROUGHT TO YOU BY A MAGAZINE THAT ACTUALLY EXISTED DURING THE U.C.0140s!

MONTHLY MOBILE MACHINE

MINI EDITION

VOLUME 24



RGM-119
JAMESGUN

RGM-X Project Successor to the RGM-109: This mobile suit was heavily influenced by the Formula Project, particularly in its exterior design which closely resembles the F91. It's described as a well-balanced unit with power output comparable to the Dentan-Zon.

F70
CANNON GUNDAM

F7 Series Unit 0: This was the mass-production prototype for the F90S type. It was an ultra-high performance machine, in some aspects surpassing even the F90. However, due to its high cost and low operational efficiency, it never entered mass production. Instead, it served as the design base for the F80.

Model Number: F80
Head Height: 14.8m Full Weight: 20,33t
Generator Output: 3,850kW Thruster Output: 57,200kg
Standard Armaments: beam rifle, short beam rifle, shotgun, beam saber, vulcan guns x 2, missile launcher (behind shield), hyper bazooka, triple machine cannon/150mm auto cannon, beam cannon (optional)

F80

The triumph of the F90 in the ATMS Competition didn't just cement the F9 series as the next mainstay mobile suit. It signaled a paradigm shift: the universal mass-production mobile suit destined to succeed the RGM-89 Jegan would not be a mere extension of the RGM-109 Heavygun lineage. The F90's stellar performance proved that mobile suits needed a radical reinvention for the impending era of miniaturized mobile suits. This reality was crystal clear even to Anaheim, whose MSA-0120 - essentially a souped-up RGM-109 - had tasted bitter defeat.

However, the quest to define the Jegan's successor proved to be a labyrinthine endeavor. SNRI, as part of their ambitious Formula project, had been vigorously promoting the F8 series as the definitive all-purpose mass-production unit. Yet, the Security Council remained hesitant to endorse F8 production, given that the F70 Cannon Gundam, despite its impressive performance,

was deemed unsuitable for large-scale manufacturing.

Anaheim's pre-ATMS offering, the RGM-111X Heavygun II, paled in comparison to the competition. The F71 G-Cannon, a streamlined mass-production variant of the F70, while formidable, was primarily designed for fire support, facing significant hurdles in adapting to all-purpose deployment. SNRI's Earth branch proposed a heavy assault configuration (Powered Weapon) of the RGM-109, incorporating data from the F80, but this too failed to gain traction. As U.C. 0115 drew to a close, the mobile suit landscape remained shrouded in uncertainty.

In this climate of indecision, a pivotal engagement on December 2nd between the elite Fastest Formula squad and EGUM's MSA-0120 near Side 2 served as a chilling simulation of the potential ramifications should hostile forces acquire ATMS-level capabilities. This encounter sent reverberations through the

the echelons of the Security Council.

Catalyzed by this event, assemblyman Hauzerie Ronah, a long-standing advocate for military reform, initiated the RGM-X project to determine the RGM-109's successor. In a bold first move, he authorized the commencement of trial production for the F80, the mass-production prototype of the previously suspended F9 project.

THE F80 UNVEILED

Initially, the F80 was conceived as a high-performance, general-purpose mobile suit, stripping away the hardpoint system and pseudo-personality AI from the F90, while pursuing peak performance akin to the F70. However, the stalled F70 mass production plans forced compromises on the F80 project, demanding improved productivity and operational efficiency. SNRI, recognizing the futility of developing an impossible-to-mass-produce mobile suit, had to significantly alter the F80's original design.

While the movable frame's basic design was borrowed from the F70, the computer and avionics were downgraded to F71-equivalent components. The costly, lightweight micro-honeycomb armor was scrapped in favor of standard Gundarium ceramic composites (though the movable frame retained its micro-honeycomb structure). Various innovative mechanisms that had hampered the F70's operational rate were abandoned, increasing parts compatibility with the RGM-109 and F71. The generator, initially the AE/MG-3200J (3,350 kW output) from the F71, was replaced in production models from Block 20 onward with Zimmad's modified Ti-103 "Sirius" (3,850 kW output) after test runs revealed insufficient power.

Consequently, the F80 didn't achieve the F90's ultra-high performance through extreme weight reduction. Increased weight hampered mobility, and cost-cutting measures slowed reaction times, leaving it trailing the F90 in close combat, though it held its own in ranged battles. However, the F80 gained a significant advantage: compatibility with nearly all mission packs developed for the F90, thanks to feedback from F90 field data. The mission packs' unexpected high performance was reason enough for SNRI to incorporate them into the F80's revised design.

While the F70 and RGM-111 featured hard points, the F80 was the first to fully incorporate F90-equivalent hard points, granting it comparable all-domain operational capabilities.

Yet, due to cost and operational constraints, the F80 lacked the F90's holo-cube high-capacity computer (which required a specialized hangar for cooling). Instead, it used conventional systems, necessitating software updates after equipment changes, unlike the F90's plug-and-play approach. This made immediate field reconfiguration challenging, though the average 20-minute update time remained practically instantaneous in combat situations.

The F80 retained an F70-equivalent backpack, optionally mountable with a triple machine cannon, 150mm rapid-fire cannon, or beam cannon. SNRI-NAMSD Labs handled the design, with production by Gryps 1 Factory and Side 3's Zimmad Corporation. By August U.C. 0116, 16 mass-production test units began trials with the Instructor Corps.

THE F80'S ADOPTION

Despite its promising start, the F80 failed to make the cut in

the RGM-X project selection held in U.C. 0118. The primary contenders at the time were Anaheim's Von Braun branch's RGM-119X Proto Jamesgun and the Zeonic division's RGM-111 Hardygun. Ultimately, the F80 lost out due to cost and power balance considerations, with the RGM-118X (later evolving into the RGM-119 and RGM-122) clinching the deal.

This outcome was heavily influenced by the assassination of Hauzerie Ronah, the driving force behind both the RGM-X and Formula projects. Hauzerie had been pushing for a radical overhaul of the Federation Forces and MHA, including their mobile suits, to combat organizational stagnation. However, after his death (despite leaving behind a cadre of fervent supporters), this reformist momentum was effectively stymied by conservative factions.

Nevertheless, the F80's high performance didn't go unnoticed on the frontlines. It secured a niche in limited production runs for special forces like ECOAS and the Marine Corps. Even today, modernized and refurbished F80 units continue to find homes with various colonial autonomous bodies and public corporations.

F80 (JUPITER DIVISION SPECS)

Recently declassified documents have revealed that during the First Oldsmobile War of U.C. 0121, the "Death Guns" - a mercenary unit from the Jupiter Division - participated as part of the Dunsinane mercenary group. This squad, hailing from Jupiter, later gained notoriety for their role as Crossbone Vanguard mercenaries in the Frontier occupation of U.C. 0123.

The F80 units supplied to them were likely produced by Jupiter SNRI (SNRI's Jupiter branch) for technological testing purposes. While the exact motives behind Jupiter SNRI's military intervention remain a subject for future research, the subsequent Jupiter Conflict suggests that the Helium Fleet was keen on acquiring real-world data on mobile suit development and operation. (It's worth noting that the development of the F-series itself was partly driven by SNRI's efforts to leverage mobile weapon technology provided by the Jupiter Fleet.)

The Death Guns variant of the F80 was equipped with a stealth poncho made from anti-beam coated fibers. However, this addition proved less than ideal. Not only did it significantly interfere with the thrusters, but its effectiveness against beam weapons was limited to absorbing perhaps a single direct hit at best. As a result, it failed to achieve the high performance seen in later models like the F97's anti-beam coating mantle.

(Fares Mouawad
June 24, U.C.0148)